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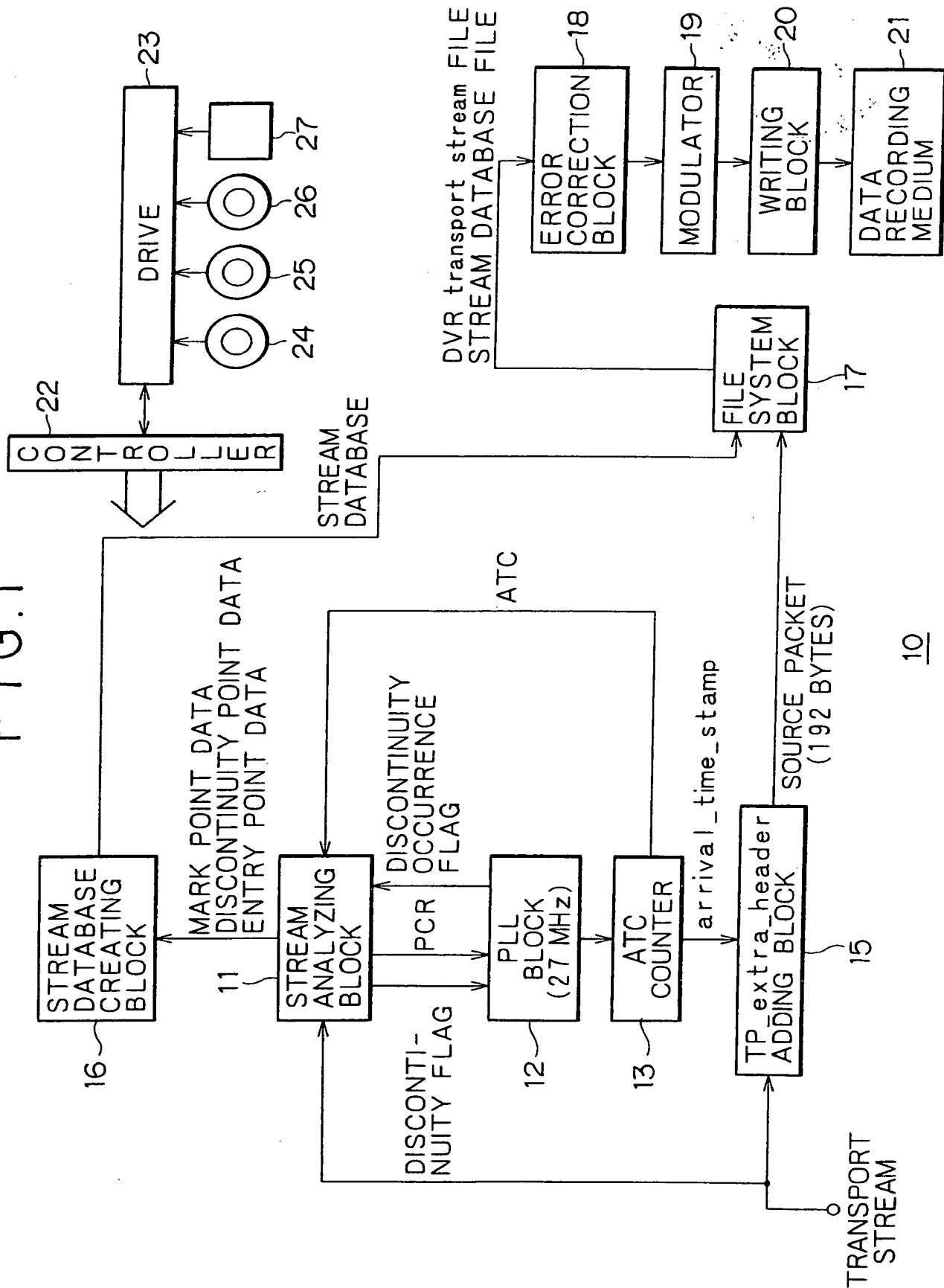
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FIG. 1



TRANSPORT
PACKET

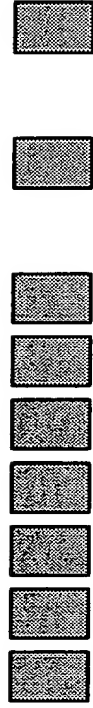


FIG. 2A

TP_extra_header

SOURCE
PACKET



FIG. 2B

Arrival
time
clock

FIG. 2C



ADDRESS

FIG. 3

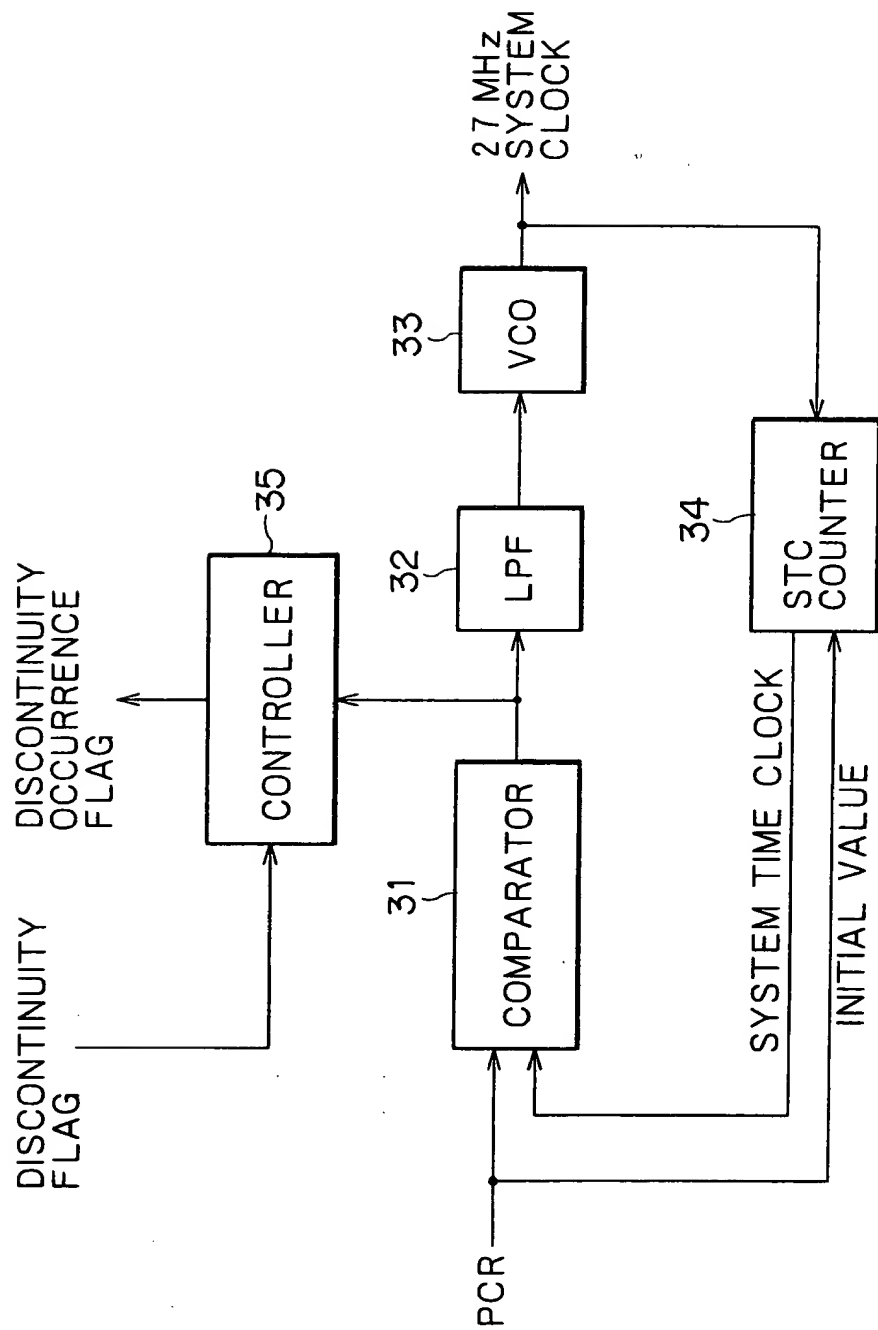


FIG. 4

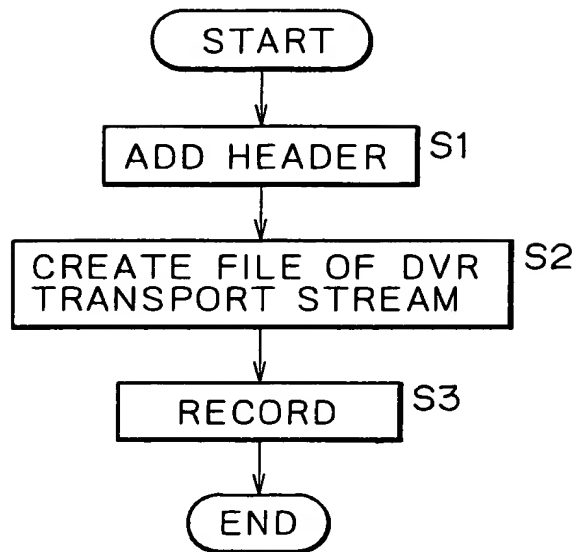


FIG. 5

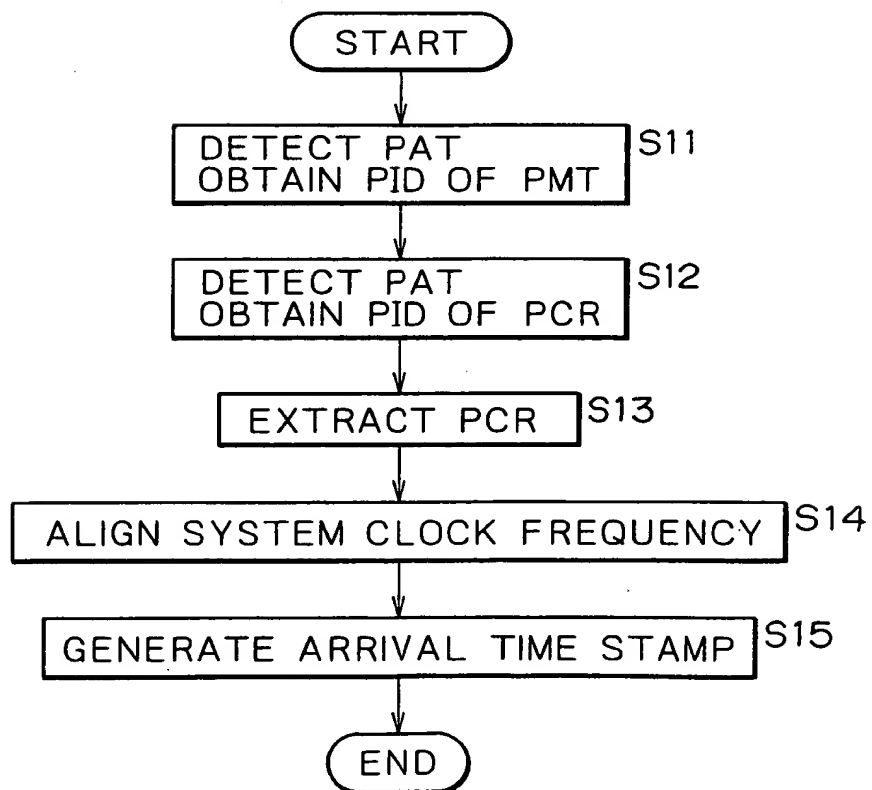


FIG. 6

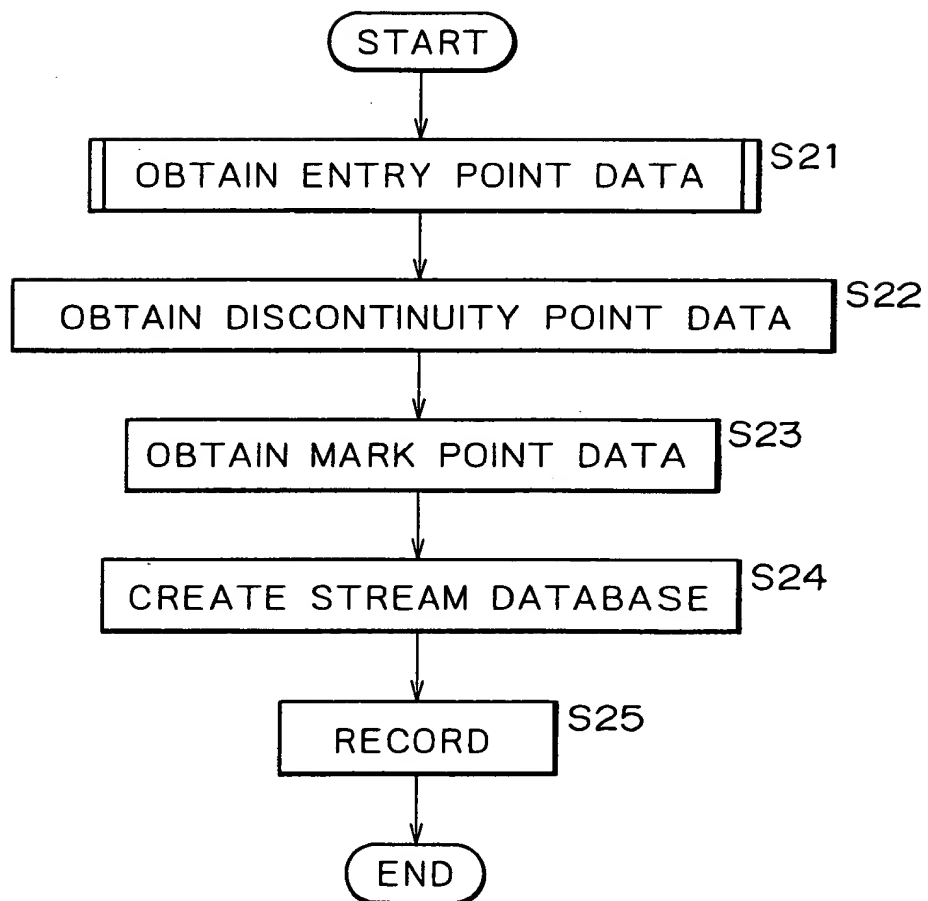


FIG. 7

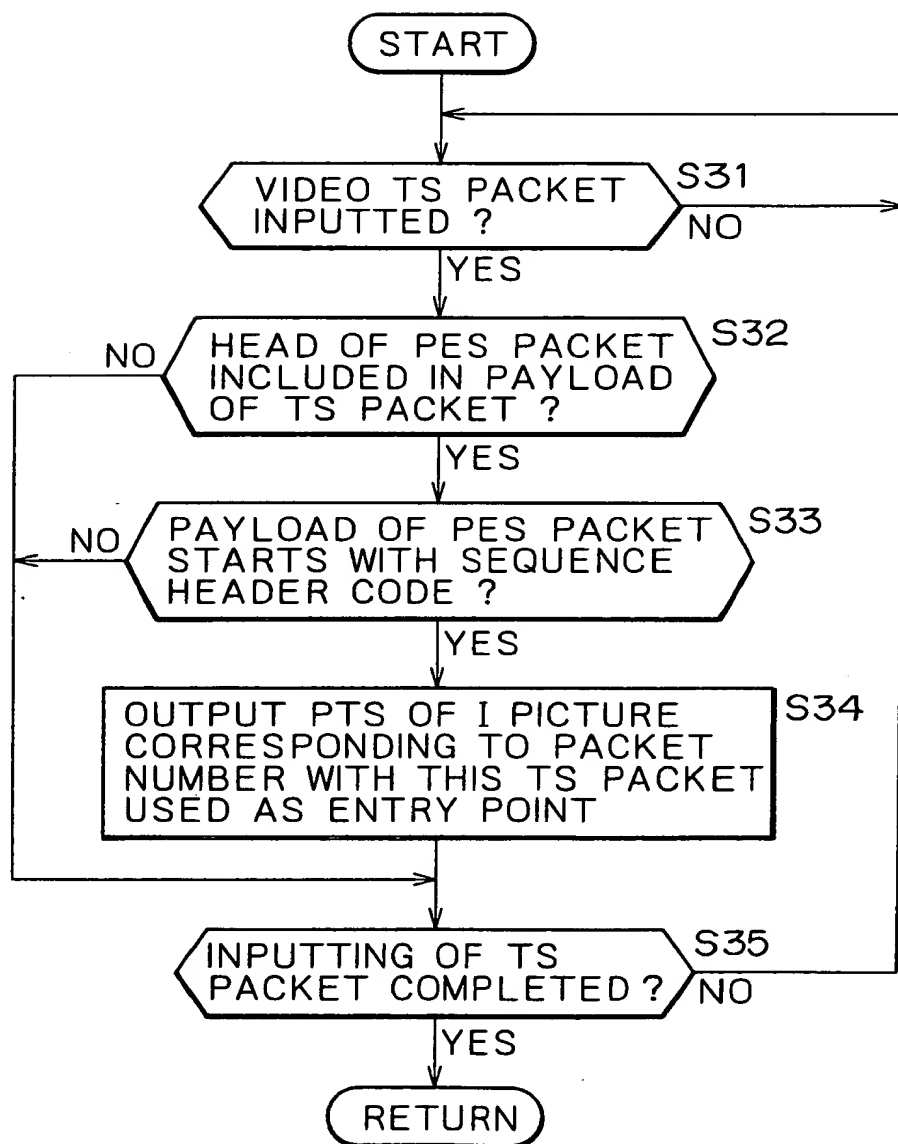


FIG. 8

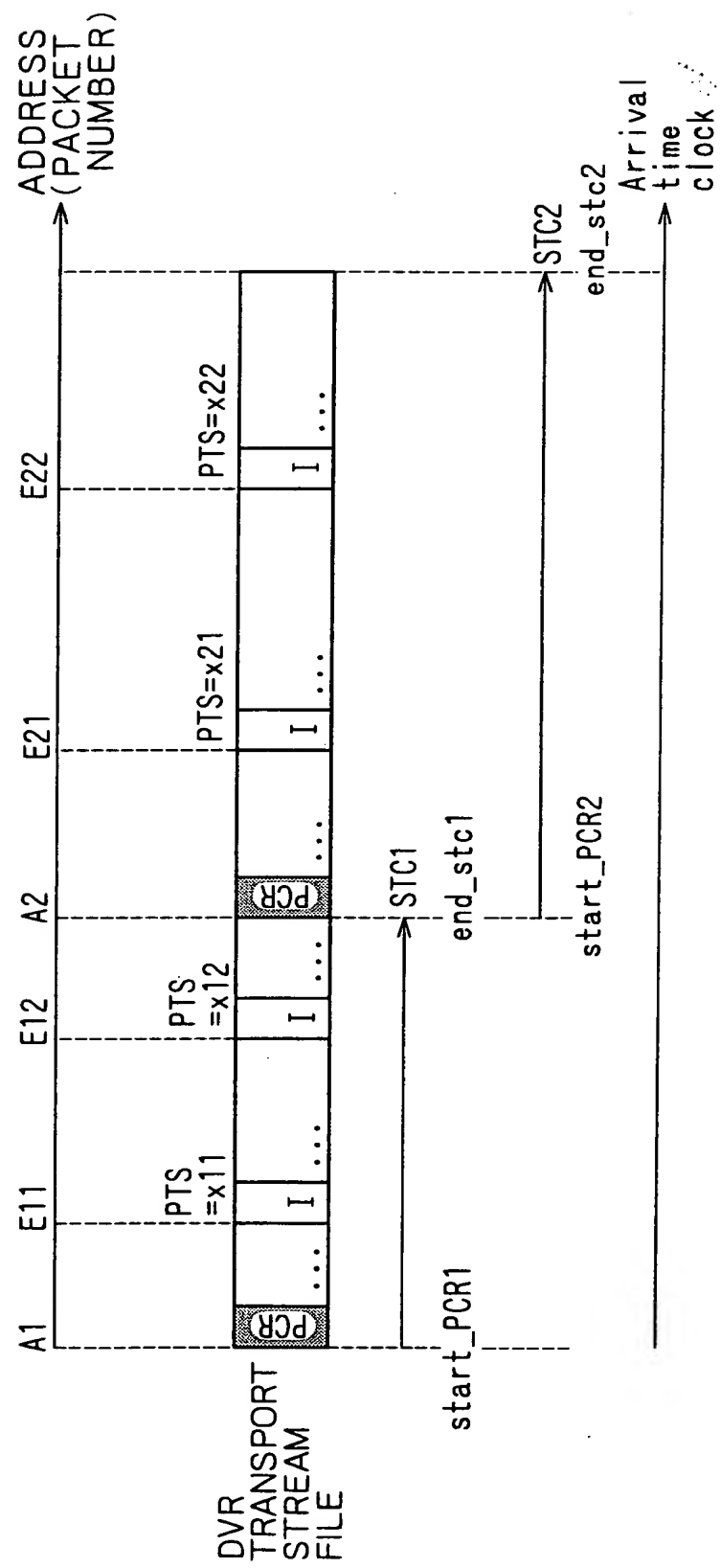


FIG. 9

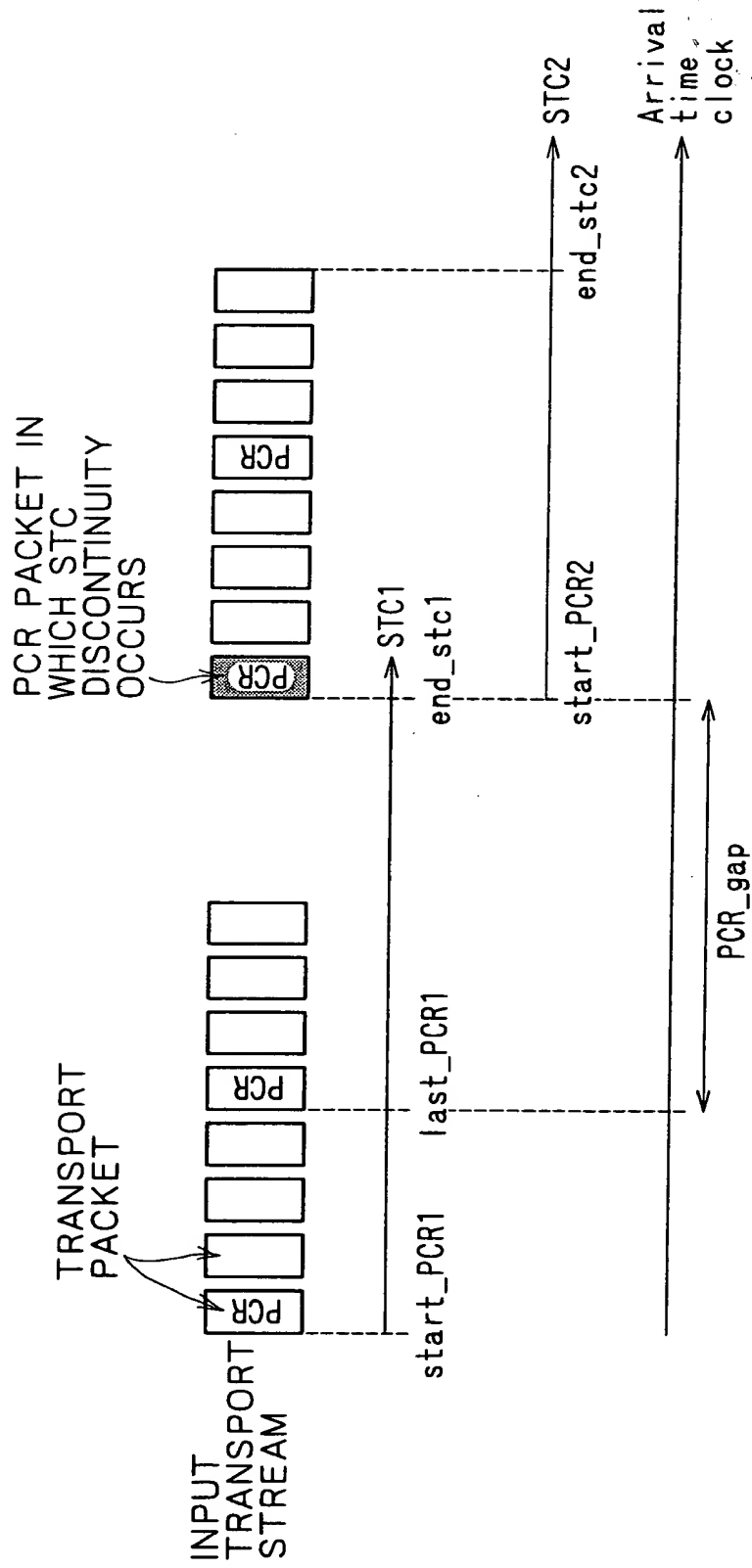


FIG.10

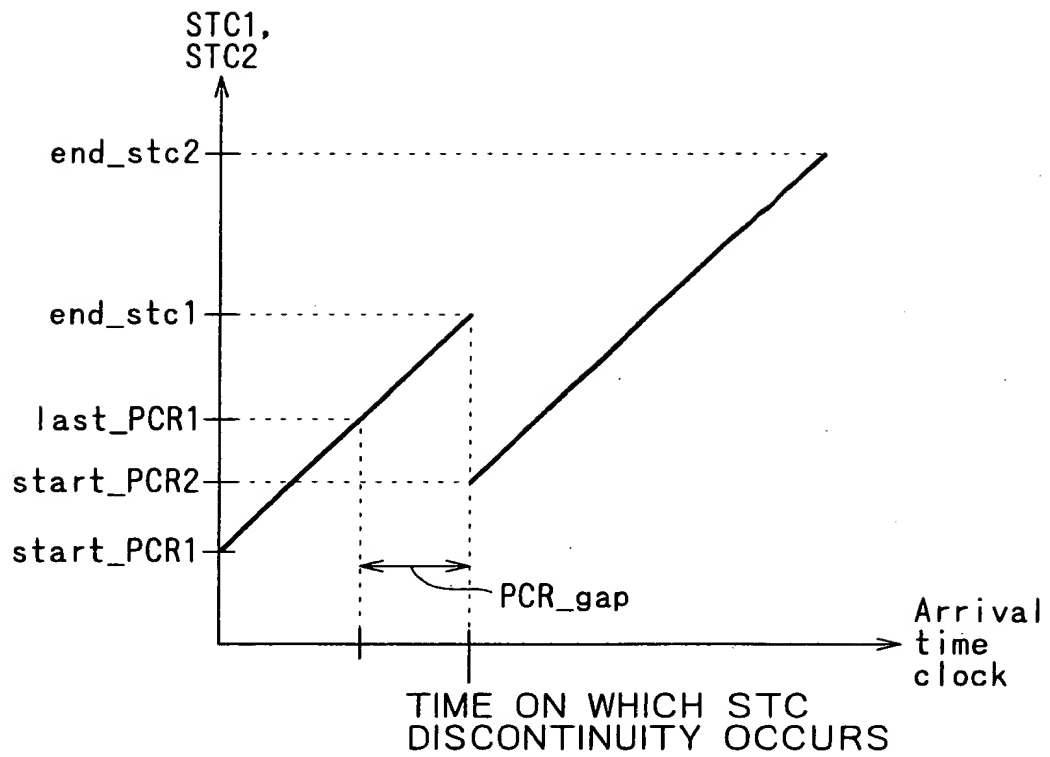
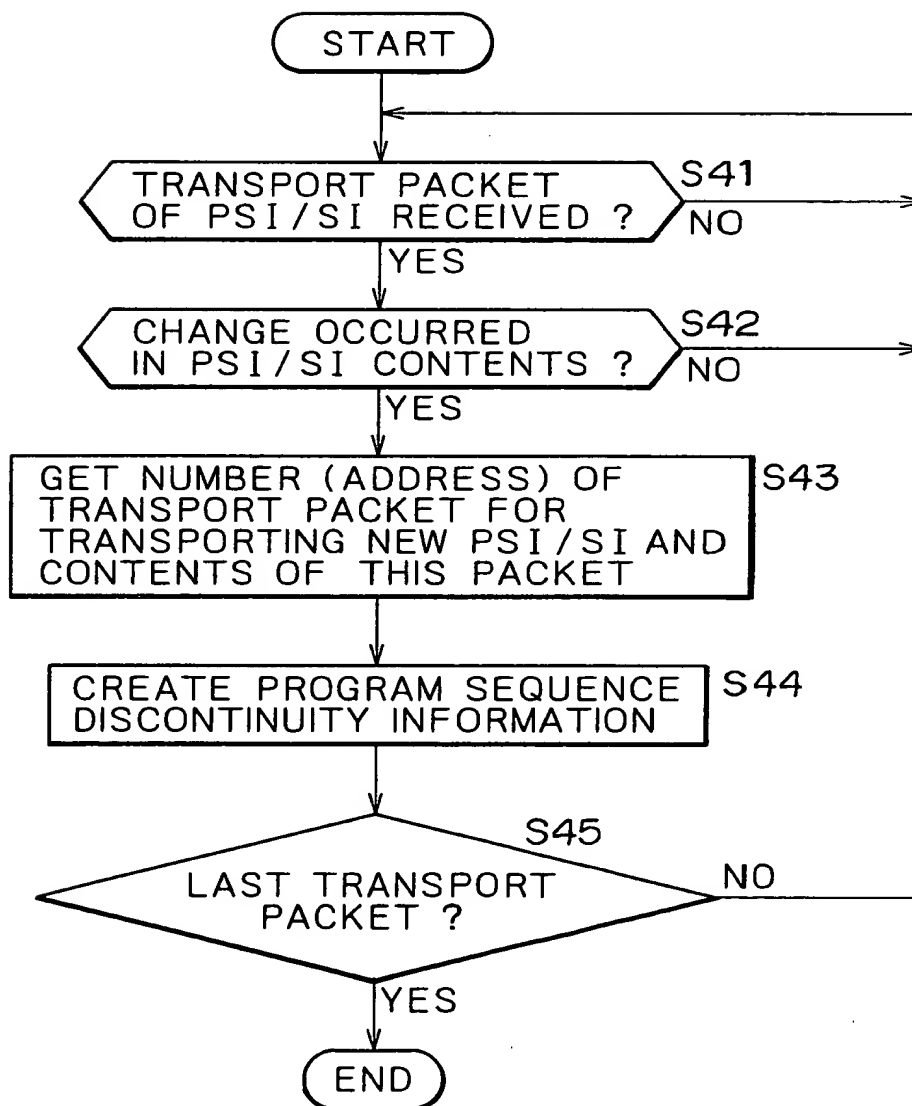


FIG. 11



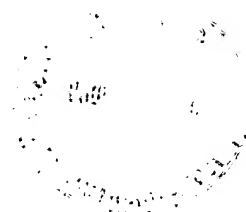


FIG.12

video_PID	
offset_source_packet_number	
PTS OF ENTRY POINT (PTS_EP_start)	ADDRESS OF ENTRY POINT (RSPN_EP_start)
x 1 1	E 1 1
x 1 2	E 1 2
x 2 1	E 2 1
x 2 2	E 2 2

ENTRY POINT MAP

FIG.13

STC TIME AXIS ID (STC_sequence_id)	PCR_PID	start_PCR_value	end_STC_value	RSPN_STC_start
# 1	X	start_PCR 1	end_stc 1	A 1
# 2	Y	start_PCR 2	end_stc 2	A 2

STC TIME AXIS INFORMATION

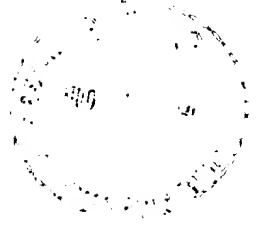


FIG.14

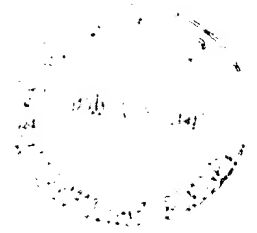
Syntax	No. of bits
STC_Info() {	
length	3 2
num_of_STC_sequence	8
for (i=0 ; i<num_of_STC_sequence ; i++) {	
STC_sequence_id	1 6
PCR_PID	1 6
RSPN_STC_start	3 2
reserved	3 1
start_PCR_value	3 3
reserved	3 1
end_stc_value	3 3
}	
}	



FIG.15

Syntax	No of bits
STC_Info() {	
version_number	8 * 4
Length	3 2
if (length !=0) {	
num_of_STC_sequence	8
offset_STC_sequence_id	8
for (STC_sequence_id=offset_STC_sequence_id ; STC_sequence_id < (num_of_STC_sequence + offset_STC_sequence_id) ; STC_sequence_id++) {	
RSPN_STC_start	3 2
start_PTS	6 4
end_PTS	6 4
}	
}	
}	

FIG.16



Syntax	Na of bits
ProgramInfo() {	3 2
length	1 6
number_of_PSI_SI_change	
for(i=0 ; i<number_of_PSI_SI_change ; i++) {	
PSI_SI_type	8
if (PSI_SI_type==PAT) {	
start_PAT_address	3 2
}	
else if (PSI_SI_type==PMT) {	
program_map_PID	1 6
start_PMT_address	3 2
program_number	1 6
PCR_PID	1 6
number_of_videos	8
number_of_audios	8
for (k=0 ; k<number_of_videos ; k++) {	
video_PID	1 6
VideoCodingInfo()	
}	
for (k=0 ; k<number_of_audios ; k++) {	
audio_PID	1 6
audioCodingInfo()	
}	
}	
else if (PSI_SI_type==SIT) {	
start_SIT_address	3 2
}	
}	
}	

FIG.17

Syntax	No of bits
ProgramInfo() {	
version_number	8 * 4
Length	3 2
if (length != 0) {	
Reserved	8
Number_of_program_sequence	8
for (i=0 ; i < number_of_program_sequence ; i++) {	
RSPN_program_sequence_start	3 2
reserved	3 2
program_map_PID	1 6
PCR_PID	1 6
number_of_videos	8
number_of_audios	8
for (k=0 ; k < number_of_videos ; k++) {	
video_stream_PID	1 6
VideoCodingInfo()	
}	
for (k=0 ; k < number_of_audios ; k++) {	
audio_stream_PID	1 6
AudioCodingInfo()	
}	
}	
}	
}	

ProgramInfo - Syntax

FIG. 18

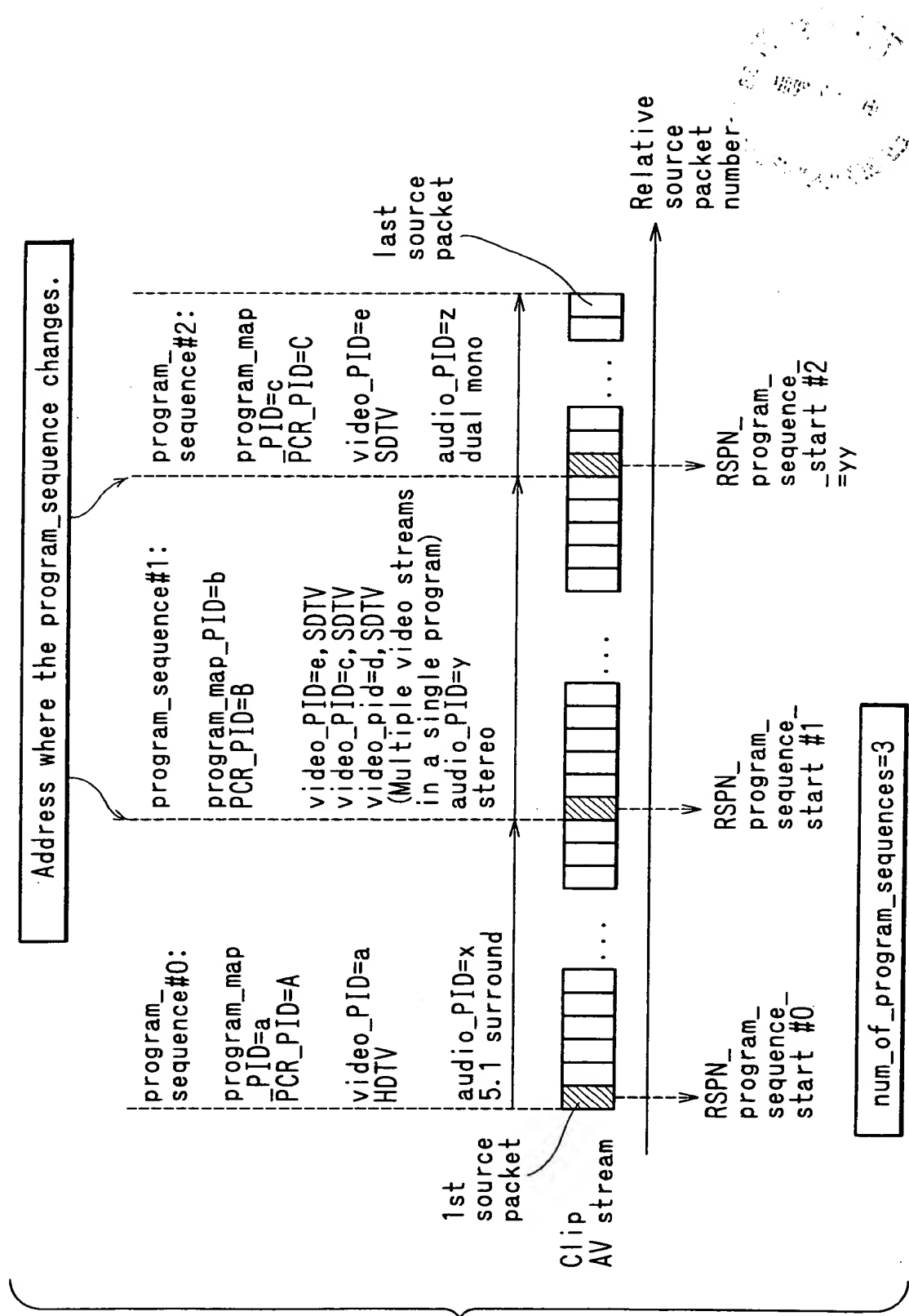


FIG.19

Syntax	No. of bits
EntryPointMap() {	
length	3 2
offset_source_packet_number	3 2
number_of_video_streams	1 6
for (i=0; i<number_of_video_streams; i++){	
reserved	3
video_PID	1 3
number_of_entry_points	3 2
for (j=0; j<number_of_entry_point; j++){	
PTS_EP_start	3 2
RSPN_EP_start	3 2
}	
}	
}	

FIG.20

Syntax	No. of bits
ClipMark() {	
version_number	8 * 4
Length	3 2
number_of_Clip_marks	1 6
for (i=0; i<number_of_Clip_marks; i++){	
Reserved	8
Mark_type	8
Mark_time_stamp	3 2
STC_sequence_id	8
Reserved	2 4
}	
}	

Mark – SYNTAX

FIG. 21

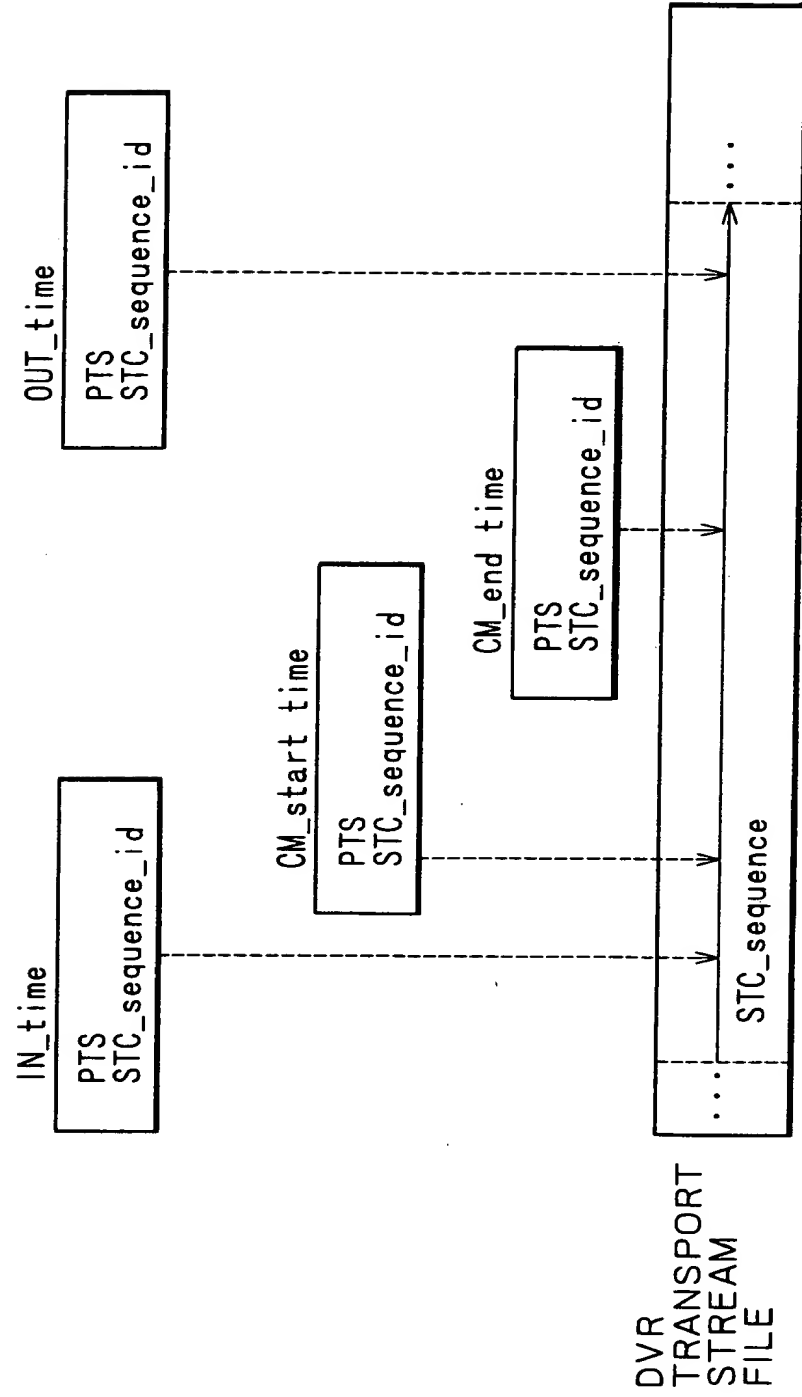
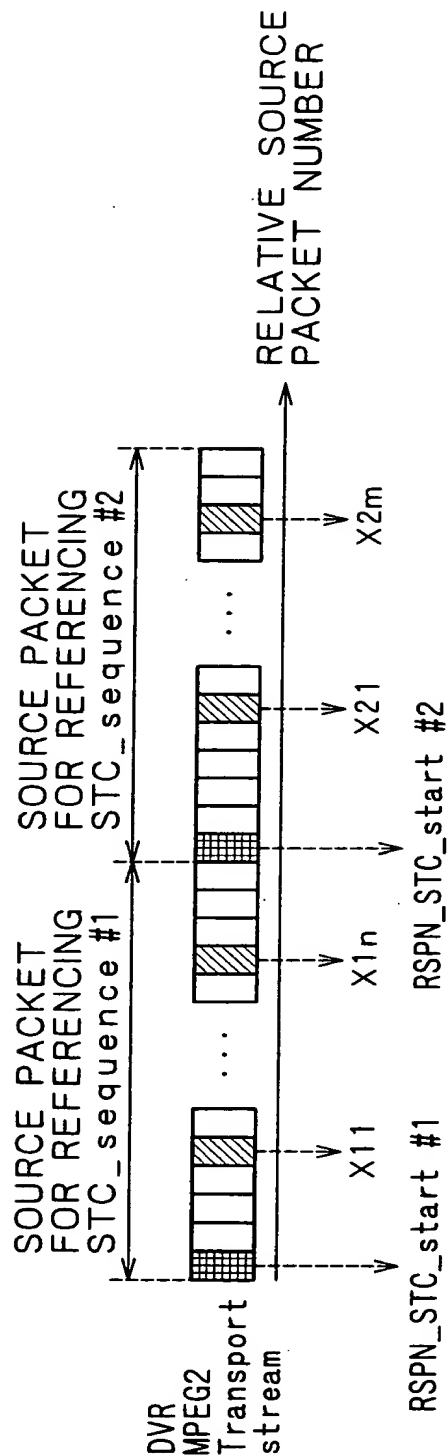


FIG. 22



▨ : SOURCE PACKET INCLUDING BYTE 1 OF SEQUENCE HEADER OF VIDEO STREAM REFERENCED BY video_PID=x

▤ : SOURCE PACKET TO BE REFERENCED BY RSPN_STC_start STORED IN STC_Info

EntryPointMap
video_PID=x

PTS_EP start	RSPN_EP start
pts(x11)	X11
...	...
pts(x1n)	X1n
pts(x21)	X21
...	...
pts(x2m)	X2m

THESE DATA BELONG TO STC_sequence #1

→ BOUNDARY

THESE DATA BELONG TO STC_sequence #2

RSPN_STC_start #2 < X21

FIG. 23

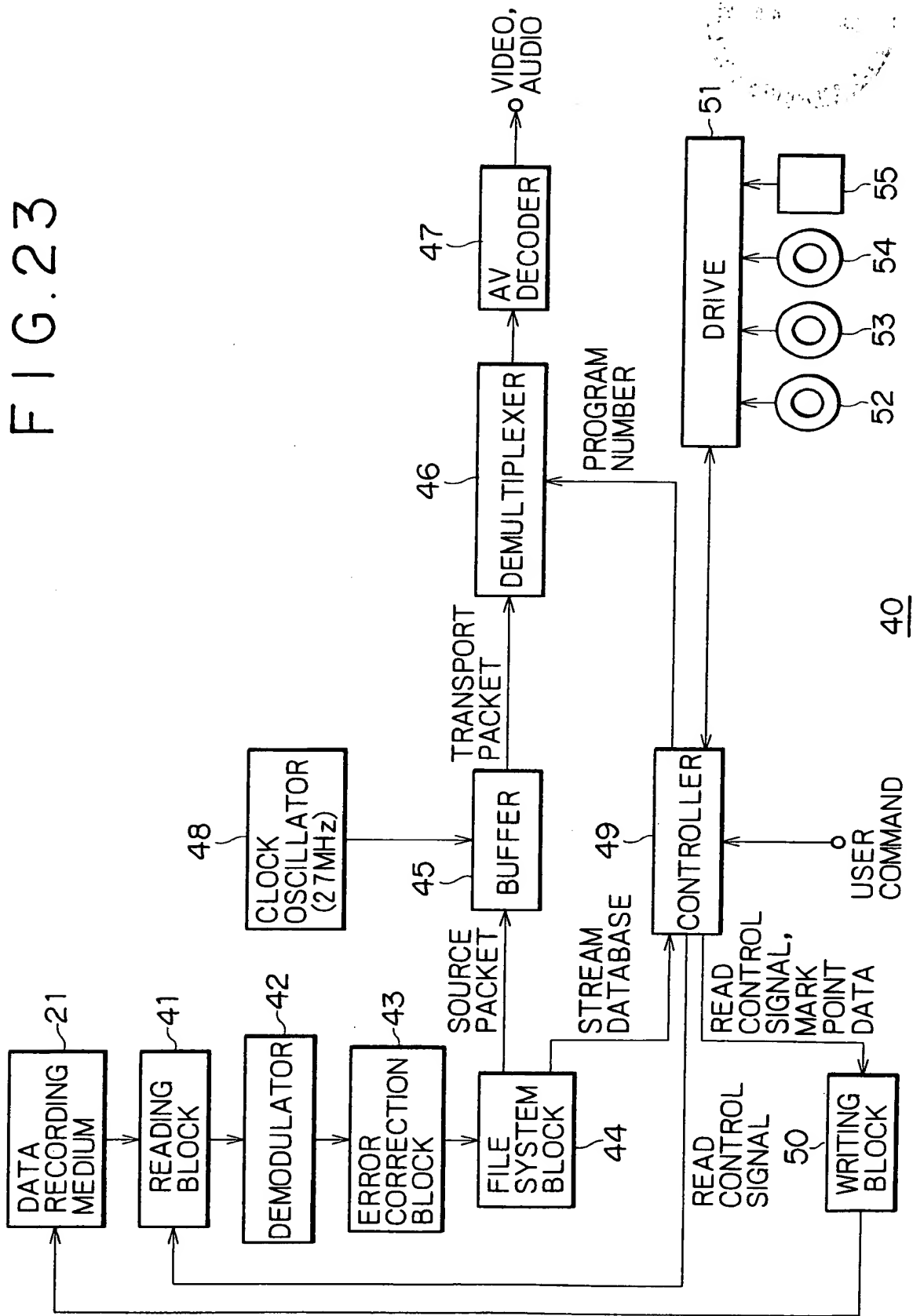


FIG. 24

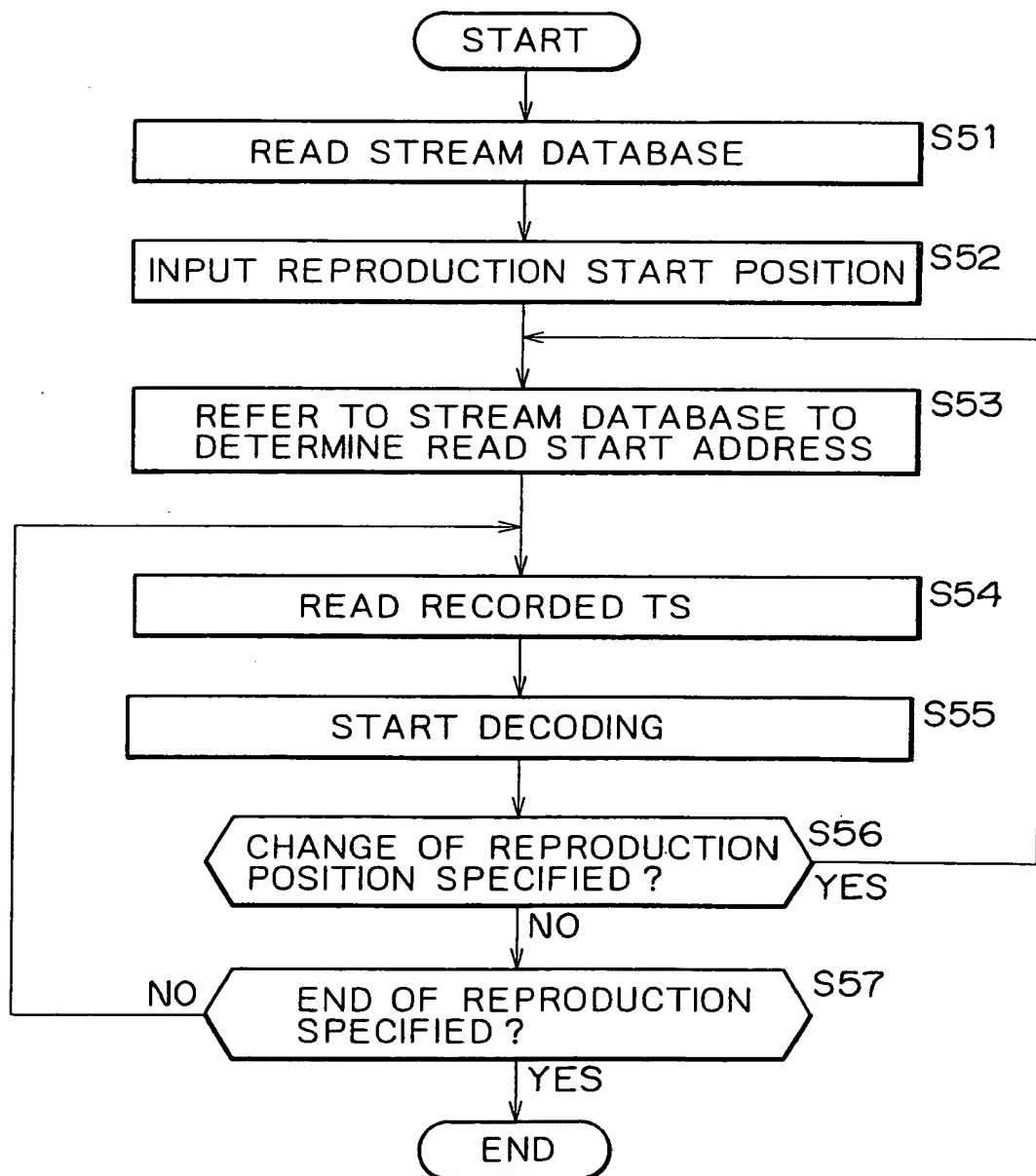


FIG.25A

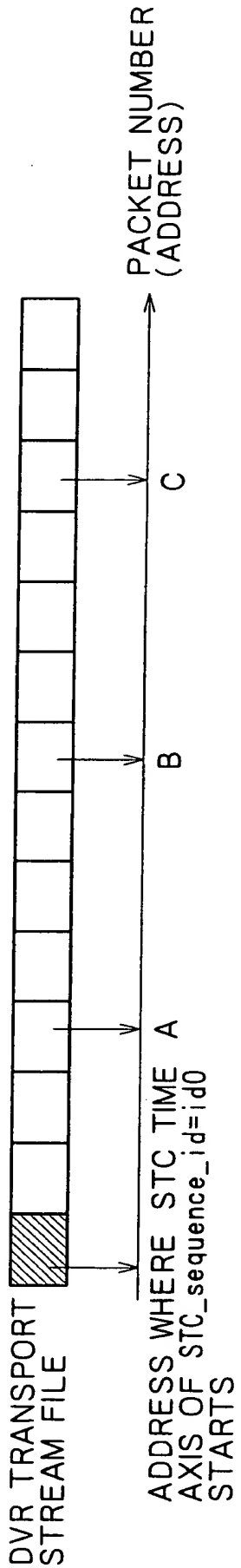


FIG.25B

EntryPointMap

RSPN_EP_start	PTS_EP_start
A	PTS(A)
B	PTS(B)
C	PTS(C)
...	...

FIG.25C

ClipMark

Mark_type	Mark_Time_stamp	STC_sequence_id
CMstart	PTS(a0)	id0
CM end	PTS(c0)	id0

FIG. 26

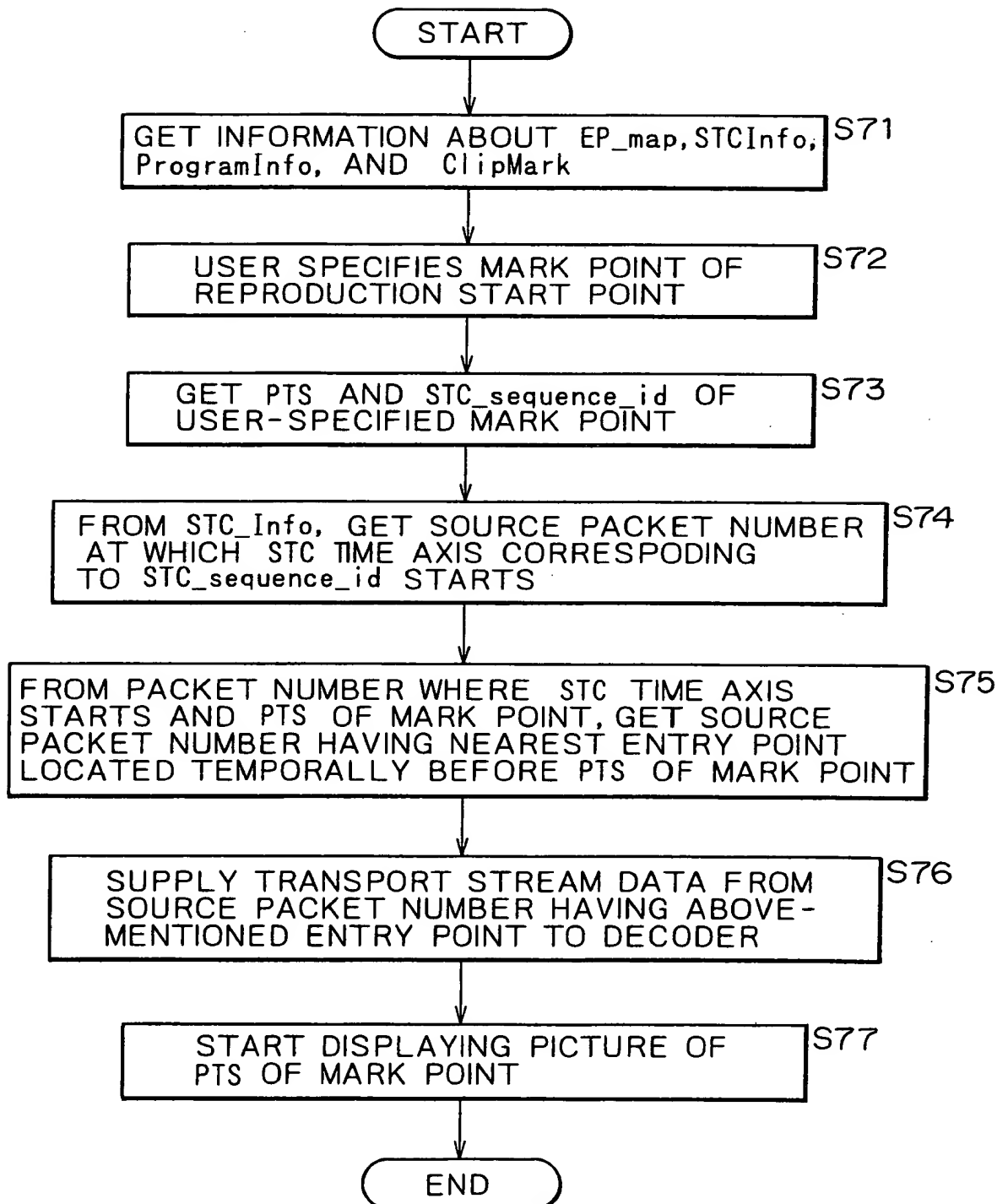


FIG.27

